CLAIMS

What is claimed is:

1. A crystalline solvate comprising: a toluene-containing epothilone B clathrate.

2. The crystalline solvate according to claim 1 characterized by unit cell parameters approximately equal to the following:

Cell dimensions:	a = 11.853(1) Å
	b= 10.613(2) Å
	c = 14.328(2) Å
	Volume = 1659(1) $Å^3$
Space group	$P2_1$
Molecules/unit cell	4
Density (calculated) (g/cm^3)	1.201

wherein the crystalline solvate is at a temperature of about –33°C.

3. The crystalline solvate according to claim 1 wherein said crystalline solvate is characterized by peaks in a powder x-diffraction pattern at a value of two theta (CuKα λ=1.5418Å) of about 13.4, 20.2, 22.0, and 24.9, at a temperature of 23°C .

4. The crystalline solvate according to claim 3 wherein said crystalline solvate is further characterized by peaks in a powder x-ray diffraction pattern at a value of two theta (CuKα λ=1.5418 Å) of about 6.7, 8.2, 11.7, 12.7, 15.0, 15.8, 16.7, 18.5, 20.9, 21.5, 24.3, 26.3, 28.5, and 30.1, at a temperature of 23°C.

5. The crystalline solvate according to claim 1, which comprises about one molecule of toluene per one molecule of the epothilone B.

6. The crystalline solvate according to claim 5 characterized by unit cell parameters approximately equal to the following:

	Cell dimensions:	a = 11.853(1) Å
		b = 10.613(2) Å
		c = 14.328(2) Å
		Volume = 1659(1) $Å^3$
5	Space group	$P2_1$
	Molecules/unit cell	4
	Density (calculated) (g/cm^3)	1.201

wherein the crystalline solvate is at a temperature of about –33°C.

10 7. The crystalline solvate according to claim 5 wherein said crystalline solvate is characterized by peaks in a powder x-diffraction pattern at a value of two theta (CuKα λ=1.5418Å) of about 13.4, 20.2, 22.0, and 24.9, at a temperature of 23°C .

15 8. The crystalline solvate according to claim 7 wherein said crystalline solvate is further characterized by peaks in a powder x-ray diffraction pattern at a value of two theta (CuKα λ=1.5418 Å) of about 6.7, 8.2, 11.7, 12.7, 15.0, 15.8, 16.7, 18.5, 20.9, 21.5, 24.3, 26.3, 28.5, and 30.1, at a temperature of 23°C.

20 9. The crystalline solvate according to claim 1 characterized by: fractional atomic coordinates substantially as listed in Table 5.